

MOHAMMAD KAMIL

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CURRENT ASSIGNMENT

2017 Joint Director, Center for Information Technology (CIT), at Maulana Azad National Urdu University, Hyderabad – 500032 since Feb 21, 2017 (On Deputation)

TEACHING EXPERIENCE

2006 - Date Associate Professor, Computer Engineering, University Polytechnic, Faculty of Engineering & Technology, Jamia Millia Islamia (JMI), New Delhi
2004 – 2006 Lecturer (Selection Grade), Computer Engineering, University Polytechnic, Faculty of Engineering & Technology, Jamia Millia Islamia (JMI), New Delhi, INDIA
1999 - 2004 Lecturer (Sr. Scale), Computer Engineering, University Polytechnic, Faculty of Engineering & Technology, JMI, New Delhi, INDIA
1994 – 1999 Lecturer, Computer Engineering, University Polytechnic, Faculty of Engineering & Technology, JMI, New Delhi
1983 – 1994 Instructor (Science), University Polytechnic, Faculty of Engg & Tech., JMI, N Delhi

EDUCATION

2017 Ph.D. Thesis titled “miRNA PREDICTION USING SOFT COMPUTING TECHNIQUES” to be submitted by July 2017.
1997 **M S (Software System)**, Birla Institute of Technology and Science (BITS), Pilani, (India)
1994 MVS (Computer Operation & Application), Birla Institute of Technology and Science (BITS), Pilani,, (India)

PROFESSIONAL CONSULTANCY WORK

2016 **Consultant**, Automation of Examinations and Admissions, AL-FALAH University, Faridabad. System implemented from Odd Semester Examination – Dec 2016.

ADMINISTRATIVE RESPONSIBILITIES

- **In-charge Tabulation** for University Examination System, Jamia Millia Islamia from 15/3/2011 to 30/5/2016. Responsible for automation of examination system and timely declaration of result.
- **Head**, Computer Engineering Section, University Polytechnic, Faculty of Engg and Technology, JMI (1999-2014).

- **Coordinator**, Course Development Committee, Center for Distance and Open Learning, JMI
- **Advisor**, Student Chapter of Institution of Engineers India, University Polytechnic (SP110025)
- **Coordinator**, Diploma Engineering (Computer) Course, Univ. Polytechnic
- Examination work: as Supdt of Exam, Tabulator, Member of Flying Squad
- Coordinator Training & Placement Cell, Jamia Millia Islamia, New Delhi
- Assistant Project Officer, Community Polytechnic Scheme, Govt of India, University Polytechnic, JMI

SOFTWARE DEVELOPED

- 2011 Examination Information System, Jamia Millia Islamia (Implemented for result processing and publishing for all UG /PG examinations of University.
- 2010 Developed web portal www.MyJamia.Com for management of campus placement activities at University Placement Cell, JMI
- 2009 Fingerprint Authentication for BE and MBA Admission, JMI, New Delhi
- 2007 Automation of Training & Placement Cell, JMI
- 1999 Automation of Salary Accounting System, Finance and Accounts Office, Jamia Millia Islamia, New Delhi.
- 1998 Automation of Student Fee Accounting System, Finance and Accounts Office, Jamia Millia Islamia, New Delhi.
- 1997 Departmental Information System, Jamia Millia Islamia, New Delhi.

PUBLICATION

- 1996 A. Ali, A.K. Nain, M. Kamil, “Physico-Chemical Studies of Non-Aqueous Binary Mixture at Various Temperature”, **thermochemica acta** Volume 274, 25 March 1996, Pages 209-221.
- 1997 M. Kamil, “Community Polytechnic Scheme – Govt. of India”, New Horizon, University Polytechnic, JMI, 1997
- 2006 Article “Protein Based Memory Devices” published in Inspire Magazine, Aditya Institute of Technology, Delhi (April 2006, Vol 01)
- 2007 Mohd Sadiq, M Kamil, Majid Hussain, “Proposed Algorithm to Scan-convert a Line using Bresenham’s Algorithm when slope is unity”, 40th Annual Convention of Operational Research Society of India, Delhi, Dec 04-06, 2007
- 2008 Kamil, Mohammad, Abbasi, Tanvir A (University Polytechnic, Faculty of Engg & Technology, Jamia Millia Islamia, **New Delhi-110025**) AND Lobiyal D K (School of Computer and System Science, JawaharLal Nehru University, **New Delhi 110067**). “Localized Information Exchange In Mobile Ad Hoc Sensor Network: Quick Localized Messaging Service”, XXXII Indian National Science Congress, Dec- 2008, Held at Jamia Millia Islamia, New Delhi,
- 2010 Mohd. Sadiq, Sunil, M Kamil, “Logic Theory: A Journey from Digital Design to Knowledge Based System Design”, 4th National Conference on Computing for National Development, BVICAM New Delhi, 25-26 Feb, 2010.
- 2012 Mohammad Kamil , “Analysis of Current Tools Available For MicroRNA Target Prediction”, International Journal of Engineering and Innovative Technology (IJEIT) – Page 70-74, Volume 2, Issue 5, November 2012.

DISSERTATION / THESIS SUBMITTED

- 1993 “**Computerization of University Examination System**”, a major project at graduate level (M V S) at CIT, Jamia Millia Islamia, New Delhi (India)
- 1996 “**Automation and Networking of Community Polytechnic Scheme, MHRD, Govt. of India**” a major project work for M S (Software System) BITS Pilani completed at CIT, JMI New Delhi and TTTI, Chandigarh (India).

CURRENT PROJECT IN HAND

Knowledge base for Question Paper Generation / Moderation for University Exam
Automation of University Examination System

SOCIETIES (Membership)

Computer Society of India (CSI)
Indian Societies for Technical Education (ISTE), Life Member
Executive Member, ISTE Delhi Section, New Delhi
Secretary, ISTE Chapter, University Polytechnic, JMI, New Delhi

COURSES TAUGHT

- Computer Organization and Architecture
- Advanced RDBMS and Development Tools
- Computer Programming Languages
 - Procedural (C, FORTRAN, BASIC)
 - OOPs (C++)
 - Visual Languages (visual BASIC)

BOOKS / STUDY MATERIAL PUBLISHED

Publisher	Title	Units of the Course Material	Pages	Year
Centre for Distance & Open Learning, Jamia Millia Islamia, New Delhi-25	Study material for <i>Diploma in Power Generation Engineering</i> (course duration -3 year)			
	Computer and Microprocessor	Unit 1: Introduction to Computers Unit 2: Operating System Unit 3: PC Software Unit 4: Number System & Boolean Algebra Unit 5: Microprocessor	5 Units 408 pages	2004
	Study material for <i>Advance Diploma in Computer Hardware & Network Technology</i> (course duration -3 sem)			
	Digital System	Unit 2: Number System & Boolean Logic Unit 5: Microprocessor	2 Units 138 pages	2005
	Computer Organization & Operating System	Unit 3: Processor Management Unit 4: Memory Management Unit 5: I/O Management	3 Units 107 pages	2005
	Fundamental of Computer and Network	Unit 1: System Board Unit 2: Memory Unit 3: Secondary Storage Devices Unit 4: I/O Devices	4 Units 184 pages	2006
	Study material for <i>Certificate in Computer and Information Technology</i> (duration -1 sem)			
	Computer System	Unit 1: The Hardware Unit 2: Personal Computer (PC) Unit 3: The Software	3 Units 163 pages	2006
	PC Software	Unit 1: Word Processing Unit 2: Spreadsheets Unit 3: Presentation Graphics	3 Units 124 pages	2006

PROJECT / DISSERTATION SUPERVISED

- MCA – IGNOU and Periyar University, Tamilnadu
- M Sc (Maths with Computer Science) – Jamia Millia Islamia University
- BCA – Kanpur University
- Diploma Engineering – Jamia Millia Islamia

CURRENT RESEARCH INTEREST

- Knowledge Management
- Software Engineering
- Application of Artificial Intelligence and Neural Network
- Mobile Computing

COURSE CURRICULUM DESIGNED

- Three-year Diploma Course in Computer Engineering, Approved by All India Council for Technical Education (AICTE), Govt. of India vide order no. ET/95 dated 15/7/98
- Developed Course curriculum for following Advanced Diploma/Diploma courses for “**Center for Distance and Open Learning**”, Jamia Millia Islamia, New Delhi
 - Advance Diploma in Software Technology
 - Advance Diploma in Computer Hardware & Network Technology
 - Diploma in Computer Maintenance and Upgradation
 - Certificate in Computer and IT.
- Course curriculum of “**Master of Computer Application (MCA)**” course under the “Center for Distance and Open learning”, JMI, New Delhi. (Under development)

WORKSHOP / TRAINING PROGRAM ORGANIZED

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| 1996 | Workshop on “Planning and Implementation of Appropriate Technology in Community Polytechnic and CDRT’s” at Jamia Millia Islamia, New Delhi. |
| 2002 | Workshop on “Entrepreneurship Development” held at University Polytechnic, JMI sponsored by National Small Industries Corp (NSIC), Delhi (October 2003) |
| 2002 | ISTE / AICTE sponsored two weeks short-term training program on “Computer Networking Using Windows 2000” held at University Polytechnic, Jamia Millia Islamia, New Delhi, from Dec 16 – 27, 2002 |
| 2003 | “Office Procedure and Computer Usage for Administrative Staff of Jamia”, from Dec 8, 2003 to Jan 5, 2004 in collaboration with Deptt of Adult & Continuing Education & Extension, JMI |
| 2005 | “Two Days Seminar on Career Guidance” for Diploma Engineering Students, 8 th & 9 th December, 2005 conducted by University Polytechnic, JMI and Board of Apprenticeship Training, Kanpur |
| 2008 | Web 2.0 in Education, organized by JMI |
| 2009 | Revision of syllabi of Diploma in Computer Engineering Diploma Course |
| 2010 | One day Seminar on “Hardware, Networking, Electronic Security System and Career Opportunities in the Industry” held on 25/09/2010 at University Polytechnic, JMI |
| 2011 | Organized Technical Training Program on “Preventive Maintenance and General Troubleshooting of Personal Computer (PC)” under the aegis of UGC XI Plan Merge Scheme “Instrumentation Maintenance Facility (IMF)” held at University Polytechnic, JMI on 22.12.2012 |
| 2012 | Organized Technical Training Program on “Repair and Maintenance of Oscilloscope (CRT)” under the aegis of UGC XI Plan Merge Scheme “Instrumentation Maintenance Facility (IMF)” held at University Polytechnic, JMI during 28-29 February 2012. |

CONFERENCE / SEMINAR ATTENDED

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| 1995 | “Repair and Maintenance of PC’s and Peripherals” sponsored by ISTE held at Center for Electronics Design and Technology, Mohali, India |
| 1996 | “International Conference on Educational Computing” held at Technical Teachers Training Institute (TTTI) Chandigarh. |

- 1996 “Training Workshop on Information Management and Networking for Rural Development”, TTTI, Chandigarh.
- 1997 “International Conference on CAD, CAM, Automation, Robotics and Factories of Future” held at Department of Mechanical Engineering, JMI, New Delhi
- 1997 Seminar on “Environmental Issues and Materials Research”, at Department of Physics, JMI, New Delhi
- 1999 Refresher Course in “Computers in Engineering Education” held at Center for Information Technology, Jamia Millia Islamia, New Delhi
- 2002 ISTE sponsored short term training programme on “Linux Concept & Administration” held at IIT Delhi during Dec 9 – 13, 2002.
- 2002 ISTE sponsored short term training programme on “Digital Signal Processing & its Emerging Technologies” held at Aditya Inst. of Tech., Delhi during Jan 21 – 31, 2002.
- 2003 Two days Workshop on “IT Services and Application” held at Center for Information Technology, Jamia Millia Islamia, Delhi during Feb 27 – 28, 2003.
- 2003 ISTE sponsored short term training program on “Microprocessor Programming and Interfacing” held at University Polytechnic, JMI from June 16 – 27, 2004.
- 2004 ISTE sponsored short-term training program on “Internet Web Designing & Content Management” organized by “Aditya Institute of Technology, New Delhi from March 31 to April 2004.
- 2004 ISTE sponsored short term training program on “Programming and Problem Solving Through Visual Basic” organized by Government Polytechnic, Gopalganj, Bihar from June 21 – July 02, 2004
- 2007 40th Annual Convention of Operational Research Society of India, Delhi, Dec 04-06, 2007
- 2012 QIP – STTP on “Application of Solar Energy and Photovoltaics” organized by Centre for Energy Studies, IIT Delhi, December 12-18, 2012
- 2013 participated in the Workshop on “Modernization of Learning Environment in Higher Education” held at FTK- Centre for Information Technology, JMI on Jan 18-19, 2013.

PERSONAL INFORMATION

Father’s Name : Mr. Nazeer Ahmad

Date of Birth : Jan 2, 1956

Nationality : Indian

Languages Known : English, Urdu, Hindi

Marital Status : Married

Passport Detail : K7287320 Valid up to 02/10/2022

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Date: March 25, 2017
Place: Hyderabad

M. Kamil

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